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imagery analysis report

SA-2 SAM Equipment Collocated with SA-X-10 SAM Equipment at Launch Complex G, Sary-Shagan Missile Test Center, USSR (S)

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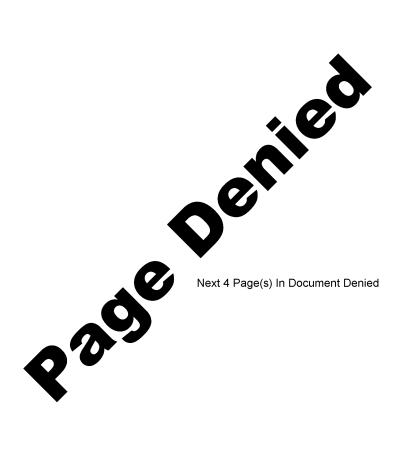


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SA-2 SAM EQUIPMENT COLLOCATED WITH SA-X-10 SAM EQUIPMENT AT LAUNCH COMPLEX G SARY-SHAGAN MISSILE TEST CENTER, USSR (S)

1. (S/D) Between March and October 1980, SA-2 equipment was collocated with SA-X-10 equipment at Launch Complex G Sary-Shagan Missile Test Center, USSR (Figure 1). This is the first time SA-2 equipment has been observed collocated with SA-X-10 equipment.	25X1	
2. (S/D) On the SA-2 equipment was just east of the SA-X-10 launch area and consisted of a modified FAN SONG radar, three SA-2 launchers (two with missiles), and eight associated vehicles. The two launchers with missiles were cable connected to the FAN SONG radar. The third launcher was never observed occupied by a missile or cable connected to the FAN SONG radar.	25X1	
3. (S/D) On the two SA-2 launchers with missiles were elevated into the firing position (Figure 2) and a transporter-erector-launcher (TEL) with four SA-X-10 missile canisters was raised into the firing position (Figure 3). Additionally, transportable-electronics-tower (TET)-mounted SH-EL-01 and SH-EL-02 radars were elevated and appeared operational.	25X1	
4. (S/D) On the two SA-2 launchers previously observed with missiles were empty, horizontal, and net covered (Figure 4). The westernmost SA-2 launcher had probable blast marks behind it. The third SA-2 launcher was empty and uncovered. In the SA-X-10 area (Figure 5), the previously raised TEL with four SA-X-10 missile canisters was also horizontal and net covered.	25X1	
5. (S/D) Throughout September, SA-2 equipment was removed and by early October all the SA-2 equipment was gone.		
IMAGERY ANALYST'S COMMENTS		
6. (S/D) Collocated SA-2 and SA-X-10 equipment, SA-2 missiles on raised SA-2 launchers on the same day a TEL with four SA-X-10 missile canisters was raised, and probable blast marks behind a SA-2 launcher indicate that the SA-2 missile system was test fired in conjunction with the SA-X-10 missile system. The exact reasons for this probable test are not known. However, some possibilities are:		
 a. Testing for future joint deployment of the two systems, b. A competitive test firing between the crews and systems, or c. The use of SA-2 missiles as target drones for the SA-X-10 system. 		
RELATED DOCUMENT		
NPIC. SR-031/77, Modified FAN SONG Radar, Launch Complex A, Sary-Shagan Missile Test Center, USSR (S), Jun 77 (TOP SECRET	25X1 25X1	
*Relevant material is classified SECRET	25 X 1	
(S) Comments and queries regarding this report are welcome. They may directed to Soviet Strategic Forces Division, Imagery Exploitation Group, NPIC,	25X1 25X1	



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